

# DIRECTORATE OF RESEARCH

**SARDAR VALLABHBHAI PATEL UNIVERSITY  
OF AGRICULTURE & TECHNOLOGY, MEERUT  
250110**

**Research Policy-2022**

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## 1. Preamble

Research is concerned with increasing our understanding and provides us with information and knowledge required for problem solving and decision making. Research is usually categorized as basic and applied in order to make a distinction between research that is carried out to further our knowledge, and that which seeks to apply pre-existing knowledge to real world problems. Universities are the highest seats of creation and dissemination of knowledge. Therefore, it is imperative for the universities to be actively engaged in research in which knowledge is applied for general wellbeing of the society and the nation.

## 2. Policy Summary and Purpose


Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut is committed to transform lives and serve the society by achieving excellence in higher education, research, technology incubation, product innovation and extension work in Agriculture and allied sciences. To achieve its mission, University provides planned support, in terms of both financial, technological, and human resources. The purpose of Research Policy document is to establish an administrative structure within the university to support the planning, conduct and application of research. It also lays down the norms for undertaking research work and facilitates the administrative processes, make them logical, smooth and transparent. This policy provides an overview of the research support available to faculty members and researchers to promote quality research. This would enable and enhance research activities in the Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut (SVPUA&T) and improve the overall quality of research.

## 3. Scope

This policy applies to all the faculty members, students or other personnel's of SVPUA&T involved in independent or collaborative research involving different colleges, departments, research centers, institutions or organizations funded either through university or any other source.

## 4. Research Network

As per the Act, Statutes & Regulations of the University Agricultural experiment station has responsibility for research, both fundamental and applied in all faculties. Director of Agriculture Experiment station co-ordinates all research in the University in corporation with the Deans of the respective Colleges. The Research Advisory Committee advice



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regarding allocation funds for research, conditions for accepting grants and other matters affecting the research programme of the University.

1	College of Agriculture	11	Poultry Research and Demonstration Centre
2	College of Bio-technology	12	Instructional Livestock Farm Complex
3	College of Veterinary & Animal Sciences	13	Seed Production Center Chirori
4	College of Horticulture	14	Seed Processing Plant
5	College of Post-Harvest technology & Food processing	15	Vermi compost Unit
6	College of Technology	16	Technology park
7	Crop Research Center	17	Mushroom Production Center
8	Horticulture Research Center	18	Bio-agents production center
9	Livestock Research Center	19	Golden jubilee Forage Garden
10	Fisheries Research and Demonstration Unit	20	Organic Research Block

### Research Stations

- Zonal Research Station Nagina, Bijnore.
- Zonal Research Station Bulandshar
- Zonal Research Station Ujhani, Badaun.

### 5. Research Mandate

- To generate income and employment in the sector of agriculture and make Indian agriculture globally competitive.
- To achieve economic and environmental sustainability through integrated management of production, marketing and end-use of farm produce.
- To develop separate research strategies for large, medium, small and marginal farmers.
- Transformation of Agriculture being a production unit towards a business unit of the global market.
- Emphases on natural resources management and bio-agricultural system.
- Increase in production through integrated farming system with minimum cost and eco-friendly technology.
- Use of Biotechnology in different crop management.
- Women empowerment and farmer's participatory approaches.

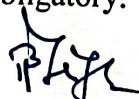
### 6. Major Thrust Areas

- Developing precision irrigation systems requiring low volume of water.
- Developing technology for sustainable improvement of soil health and fertility with bias on organic components.
- Emphasizing organic farming technology in prevailing crop production systems.
- IPNM and IPM technology of combating soil health and pests problems.
- Strengthening fruits, vegetables, floricultural, herbal and spices research activities.
- Promoting entrepreneurship vocations trade like poultry, mushroom, sericulture, apiculture, fisheries, piggery, goatary and dairying for diversification based agriculture.
- Post-harvest technology and value addition of the crop produce for export purposes.

- Promoting aromatic and medicinal plants and floriculture for developing entrepreneurship for export.
- Development of programmes for improvement of buffalo, cattle and sheep.

## 7. Research Framework and Strategy

- Research in SVPUA&T will be conducted by application of knowledge for overall improvement of quality of life and development of the nation at large.
- The Research Policy will be implemented by Directorate of Research for specific purpose of governance, administrative and financial facilitation and control.
- The functions of Directorate of Research will be integrated with all academic bodies of the university (BoS, DRC, Academic Cell, Faculty Board, Academic Council etc.) as required.
- The Directorate of Research will make appropriate recommendations on research related issues to administrative authorities for final decision making and execution. This system will enable collection and compilation of all the data and information related to research in the university.
- All stakeholders will be sensitized to route all research related documents to administrative authorities through the Directorate of Research for processing.
- The research in university will be primarily funded by government agencies, industry or any other component or assemblage of society such as Trusts, NGOs etc.
- Responsibility
- All stakeholders will be committed to promoting research and innovation in all walks of life, and make sincere efforts to enable the University to become an epitome of knowledge, technology and skill.
- The University shall provide basic infrastructural and administrative support.
- Extramural funding is inevitable for supporting research in University. However, all the research grants/funds will be utilized in consonance with the university, government and funding agency rules as amended from time to time.
- The overhead charges in research grants as per respective funding agency will be utilized as per university rules i.e. the University will utilize 40% of the overhead grant with its own discretion for strengthening general research infrastructure.
- The University may consider making financial contribution for promotion of research depending on it's financial health, but it will not be obligatory.



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## 8. Objectives

- To establish an administrative structure within the university to support the research
  - To lay down the norms for undertaking research work and facilitate the administrative processes to improve the overall quality of research,
  - To motivate the faculty members/students for cutting-edge research and innovations
  - To support faculty members for undertaking research projects of various funding agencies
  - To encourage faculty members for collaborative and interdisciplinary research projects
  - To inspire the faculty members for sponsored consultancy projects
  - To invigorate the faculty members/students for publication of quality research work
  - To promote joint research work, project work supervision/publications with premier academic institutions and research organizations.
1. Motivate Faculty to apply for research projects to different funding agencies.
  2. To encourage quality research in all disciplines.
  3. To disseminate information about research project grants.
  4. To facilitate dispatch of research proposals to funding organizations/agencies after a speedy approval by Head of Institution.
  5. Promotion of inter/multidisciplinary research activities of direct relevance to the local region and the nation.
  6. Smoothing project related file movements by suggesting, supporting and creating procedures in the system.
  7. Extend hassle free administrative support for completing the research project and payment of fellowships to research personnel's after receiving the grant.
  8. Expedite the selection procedure of Research Personnels in sanctioned projects.
  9. Lay down purchase procedures either through Tender or Purchase Committee as per university rules.
  10. Facilitate the procurement of equipment's sanctioned in projects.
  11. Develop a mechanism to complete the paper work in Registrar office within stipulated time
  12. Ensure timely completion of projects and sending Project Completion Report and Utilization Certificates/Statement of Expenditure (UC/SE).
  13. Look into all issues related to research projects of Faculty, Postdocs and Research students.
  14. Promote safety, good laboratory practices, and precautions in procurement, storage, handling and disposal of hazardous substances.



15. Ensure proper functioning of Institutional Ethical Committees (IECs) for the use of animals, human subjects, recombinant DNA, biological agents and radioactive materials.
16. To facilitate activities related to Intellectual Property Rights (IPR), Technology transfer, Biosafety and various waste management issues.
17. Ensure compliance with the terms and conditions of sponsored research projects.
18. Create awareness about plagiarism and enhance the general integrity, honesty and responsibility of researchers.
19. Promote ethical value in research and ensure that research in university remains focused on positive and need based aspects.
20. Work towards creating an interactive research environment by providing platforms such as conferences, seminars, workshops, invited lectures from eminent personalities from all relevant fields.
21. Promote active participation of faculty members and students in national/international conferences, seminars, workshops.
22. Facilitate research internship/training programmes/workshops for scholars, young faculties and professionals from both inside and outside SVPUA&T, Meerut.
23. Secure and protect the intellectual property rights of the university and researchers.
24. Look into the issues such as academic misconduct, conflict of interest. Resolve disputes between researchers over data or access.
25. Find ways to provide incentive for carrying out innovative research work of high quality.
26. Keep record of each and every research project of university and publications/awards by faculty and students.

#### **9. Research material, data and intellectual property**

Research data would mean facts, materials or physical items or articles, artifacts, observations, experiences, responses to questionnaires etc collected by researcher which are used for making inferences or drawing conclusions and on which an argument, theory or test is based. Data may be numeric, descriptive, visual or virtual. Data may also be raw or processed, experimental or observational. Data will also include all kinds of laboratory and/or field notebooks, maps, photographs, audio-video recordings or any other thing collected or generated by researcher. Research material in addition to hardware and equipment would include books, consumables, apparatus, computer, digital media etc. Provenance information such as how, when, where the data were collected and the means of collection, the software code and license used to generate,

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annotate or analyze the data are also included in research material and property. All these will always belong to the university which may demand its surrender anytime.

#### 10. Publications and IPR

- The researcher will have the right and responsibility to ensure that research is accurately reported to scientific and academic community and to choose the appropriate mode of publication or presentation of data and results.
- Researchers can take due credit and publish the research outcome or method/process/technology developed, file patent or claim its intellectual property right in any other form, but affiliation with university for carrying out research has to be prominently mentioned/exhibited and acknowledged at appropriate place(s).
- Under special conditions, the university may restrict a researcher from putting anything related to a research in public domain.
- Any transfer of copyright having a financial implication will have to be executed only upon permission from the university.
- Both the researcher and university will hold the right in the intellectual property generated from research. However, the decisions of university will be binding in all cases of transfer of IPR for any productive purpose.
- If any financial income arises out of a research, the income distribution will be in accordance with the Consultancy Policy of SVPUA&T, Meerut.

#### 11. Research Publications

- Faculty members are encouraged to publish their research findings in non-paid peer reviewed SCI/SC Imago indexed Journals.
- Peer reviewed nonpaid SCI/SC Imago journal papers are only considered for award of PhD degree.
- Faculty is encouraged to present their research papers in National International Conferences Seminars.
- Department are encouraged to organize research conference / seminar at Regional / National International level to boost research activities.
- University has MoUs with various research organizations, academic institutions at National and International levels to support R&D activities.
- Research Scholars are permitted to opt Co-supervisor from foreign universities having MoUs with SVPUA&T, Meerut.

## 12. Research Ethics

- Faculty/Research Scholars/ Post Graduate Students are expected to adhere to highest ethical standards of conducts.
- Adhering to plagiarism policy is entrusted to the concerned supervisor before submitting the thesis / dissertation project work/research papers for processing.
- All published or unpublished papers that may form part of a thesis/ dissertation project work carried out as a part of course during period of stay at SVPUA&T, Meerut must follow the Authorship Policy of the University.
- All Synopsis and PhD theses are uploaded on central government portal as per the guidelines of University Grant Commission.
- SVPUA&T, Meerut is of the strong view that the outcome of basic research in academic institution should benefit the society.
- The University reserves the right to modify the Research Promotion Policy as and when required, with the approval of Vice-Chancellor.

## 13. Security of Research Data

- Research data that incorporates confidential information must be adequately secured and kept confidential.
- Suspected or proven disclosure or exposure of confidential or otherwise restricted data must be immediately reported to the university.

## 14. Access to Research Data

- The university has the right to access research data or take their custody that is performed at the university or under its auspices, or conducted using university facilities.
- When faculty members leave the university, they may take copies of research data for projects on which they have worked. The primary research data must be retained at university unless the Vice Chancellor specifically authorizes moving it to another institution.

## 15. Dispute Redressal and Resolution

These are broad policy guidelines and principles. It should be borne in mind that policy documents evolve in due course of time spirit holds greater importance than words. All cases of lack of clarity on any issue, or any ambiguity, or subjectivity in interpretation, must be reported to the university, whose decision will be final and binding. The Vice Chancellor may, at any point of time, call for its amendment or revision as deemed



appropriate.

#### 16. Research Inventiveness

- The Faculty Members are encouraged to apply for research projects to Government Funding Agencies.
- Circulars received from various funding agencies are circulated widely to faculty members.
- Collaborative and Inter-Departmental and/or Inter-Institutional research is promoted.
- Faculty members are expected to undertake research leading to quality publications presentations/invited talks/ generation of IPR/socially useful outcome or other activities.
- Research output is considered as one of the criteria for faculty recruitment and promotion along with other academic responsibilities.
- To enhance the quality research output student mentorship or internship is facilitated or arranged.
- To encourage post-graduate students to pursue research activities leading to tangible output contingency fund is given.

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